

Figure 1

10 CACGAGATTCATGAGCATCCTCCTCTAAACGCCTGCAAGACAAAAGATGCTTCAGCTT	30 M L Q L TGGAAACTTGTTCTCCTGTCCGGCGTGCCTACTGGGACCTCAGAGTCTCTTGACAAT	50 W K L V L L C G V L T G T S E S L L D N
70 130 CTTGGCAATGACCTAACGCAATGTCGTGATAAGCTGGAACCTGTTCTCACGAGGGACTT	90 150 L G N D L S N V V D K L E P V L H E G L	110 170 190 210 230 GAGACAGTTGACAATACTCTTAAAGGCATCCTTGAGAAAAGCTGAAGGTCGACCTAGGAGTG
E T V D N T L K G I L E K L K V D L G V	250 270 310 330 350 CTGAACAATGTCATTCTAACGCTTCAACTAACACGGACATTTGGTTGAAAATC	290 370 390 410 S N S L I L D V K A E P I D D G K G L N
430 450 470 490 510 530 CTGAGCTCCCTGTCAACCGGAATGTCACTGTGGCCGGGCCATATTGGCCAGATTATC	550 570 590 610 630 650 AACCTGAAAGCCTCCTGGACCTCTGACCGCAGTCACAATTGAAACTGATCCCCAGACA	430 450 470 490 510 530 N L K A S L D L L T A V T I E T D P Q T
H Q P V A V L G E C A S D P T S I S L S	550 570 590 610 630 650 CAACCAGCCTGTTGCCGCTGGAGAATGCGCAGTGACCCAACCAGCATCTCACTTCC	550 570 590 610 630 650 H Q P V A V L G E C A S D P T S I S L S
670 690 710 730 750 770 TTGCTGGACAAACACAGCAAATCATCAACAAGTTCGTGAATAGCGTGATCAACACGCTG	790 810 830 CTGCAAACCCCTCATTTGAAGAGGACGAATGAGGAGGACACTGTGGTGCATGCTGATTGG	670 690 710 730 750 770 L L D K H S Q I I N K F V N S V I N T L
L L D K H S Q I I N K F V N S V I N T L	850 870 890 TTCCCAGTGGCTTGCCCCACCCCTTATAGCATCTCCCTCCAGGAAGCTGCTGCCACAC	850 870 890 910 930 950 CTAACCCAGCGTAAAGCCTGAGTCCCACAGAAGGACCTCCAGATACCCCTCTCCTC
870 890 910 930 950 970 ACAGTCAGAACAGCAGCCTCTACACATGTTGTCCTGCCCCCTGGCAATAAAGGCCCATTTC	970 990 1010 1030 1050 1070 TGCAAAAA	970 990 1010 1030 1050 1070 1090

Figure 2

	1	50
moPSP	MFQLGSLVVL CGLLIGNSES LLGELGSAVN N.....	LKILNPP
ratPSP	MFQLGSLVVL CGLLIGTSES LLGDVANAVN N.....	LDILNSP
ratSMGAPSP	MFQLGSLVVL CGLLIGTSGS LFD.....
HPSP	MLQLWKLVLL CGVLTGTSES LLNLGNLDS NVVDKLEPVL HEGLETVDNT	
	51	100
moPSP	SEAVPQNLNL DVELLQQATS WPLAKNSILE TLNTADLGNL KSFTSLNGLL	
ratPSP	SEAVAQNLNL DVGSLQQATT WPSAKDSILE TLNKVELGNS NGFTPNGLL	
ratSMGAPSP	...IFQNPEL DVESV.... WSEINYRIRY ALETMDLDM ADYLSKRGIE	
HPSP	LKGILEKLKV DLGVLKQSSA WQLAKQKAQE AEKLLNNVIS KLLPTNTDIF	
	101	150
moPSP	.LKINNLKVL DFQAKLSSNG NGIDLTVPLA GEASLVPFI GKTVDISVSL	
ratPSP	.LRVNKFRVL DLQAGLSSNG KDIDLKLPLV FEISFSLPVI GPTLDVAVSL	
ratSMGAPSP	.LKIKDLRIL NLNHEVSPNG DEVTLKMPMA LNDSLSPAR DLTTDVSISM	
HPSP	GLKISNSLIL DVKAEPIDDG KGLNLSPVT ANVTVAGPII GQIINKLASL	
	151	200
moPSP	DLLNSLSIKT NAQTGLPEVT IGKCSSNTDK ISISLLGRRR PIINSILDGV	
ratPSP	DLLNSSVVQT NAQTGLPGVT LGKCSGNTDK ISISLLGRRR PFVNRILDGV	
ratSMGAPSP	EAITSFAIEK DPKTGRRVLN MQRCSLNTDN TSISLLNRKS NFVNLALDSA	
HPSP	DLLTAVTIET DPQTHQPVAV LGECASTDPTS ISLSLLDKHS QIINKFVNSV	
	201	250
moPSP	STLLLTSTLST VLQNFLCPPLL QYVLS.TLNP SVLQGLLSNL LAGQVQIAL.	
ratPSP	SGLLTGAWSI LLQNIILCPVL QYLLS.TMSG SAIQGLLSNV LTGQLAVPL.	
ratSMGAPSP	LYLIKRGGLTL PVRRLQLCPVL QLIISNTFHP DEISNPQTAI ST.....	
HPSP	INTLKSTVSS LLQKEICPLI R.IFIHSLDV NVIQQQVVDNP QHKTQLQTLI	

Figure 3

